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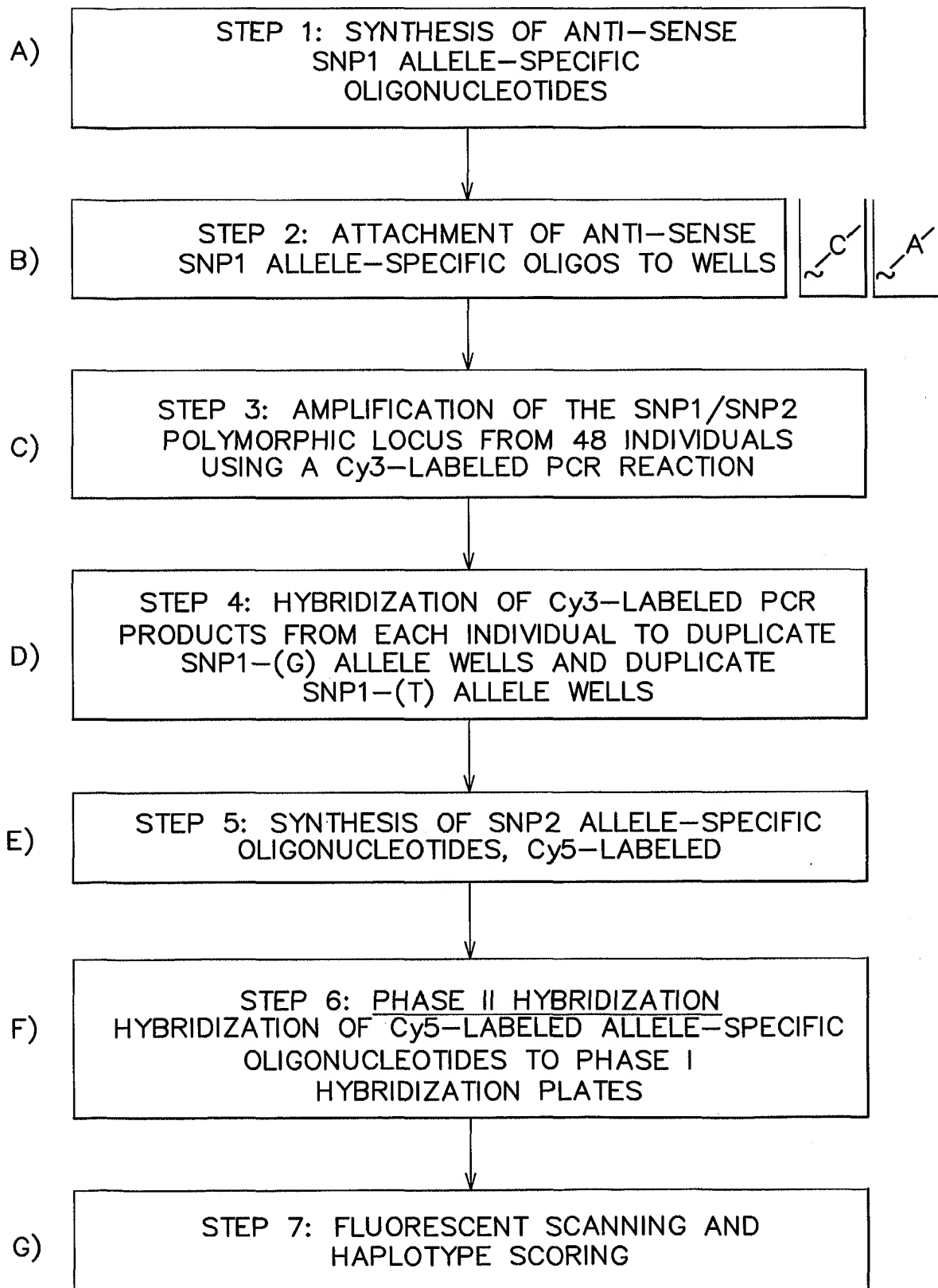
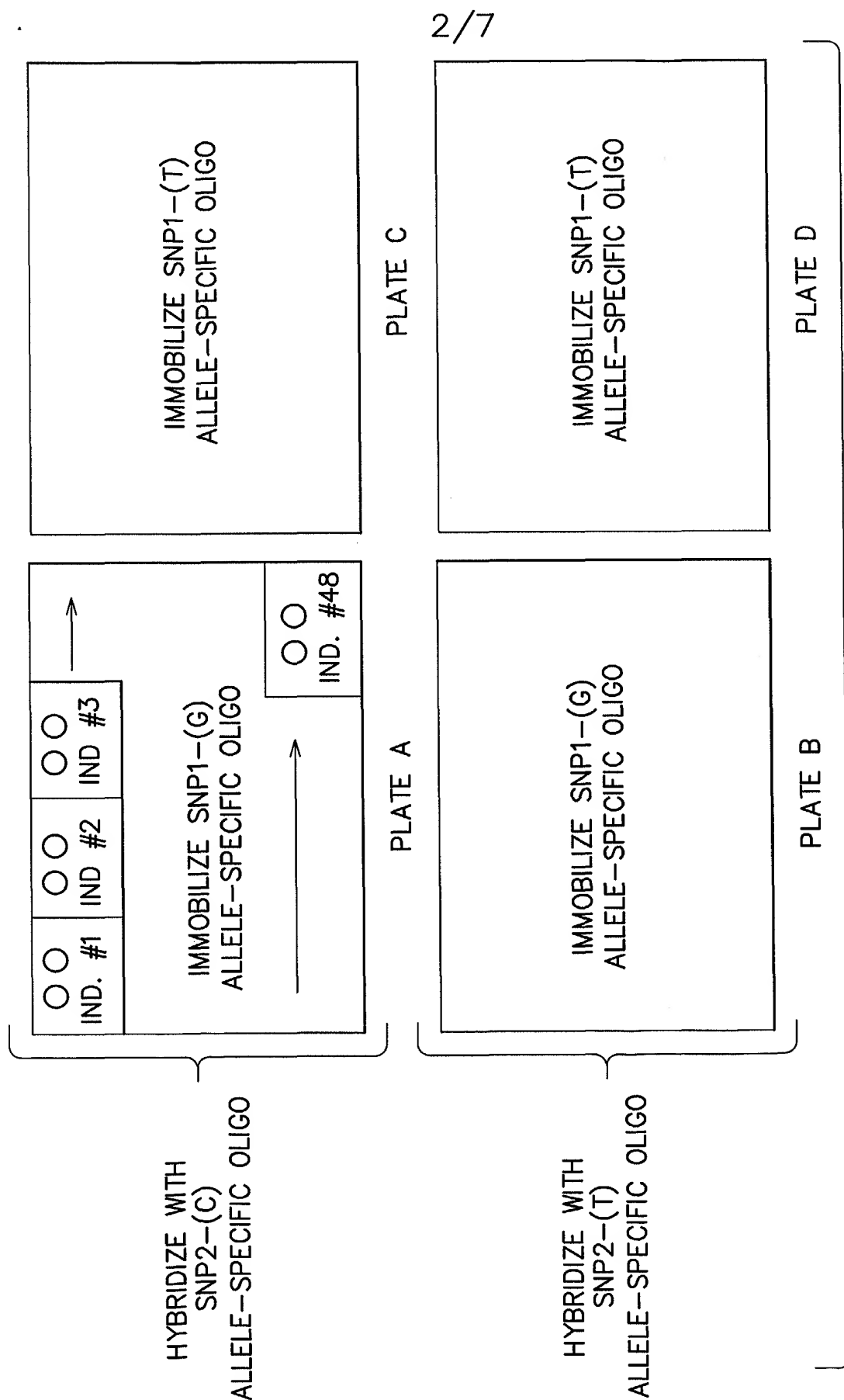
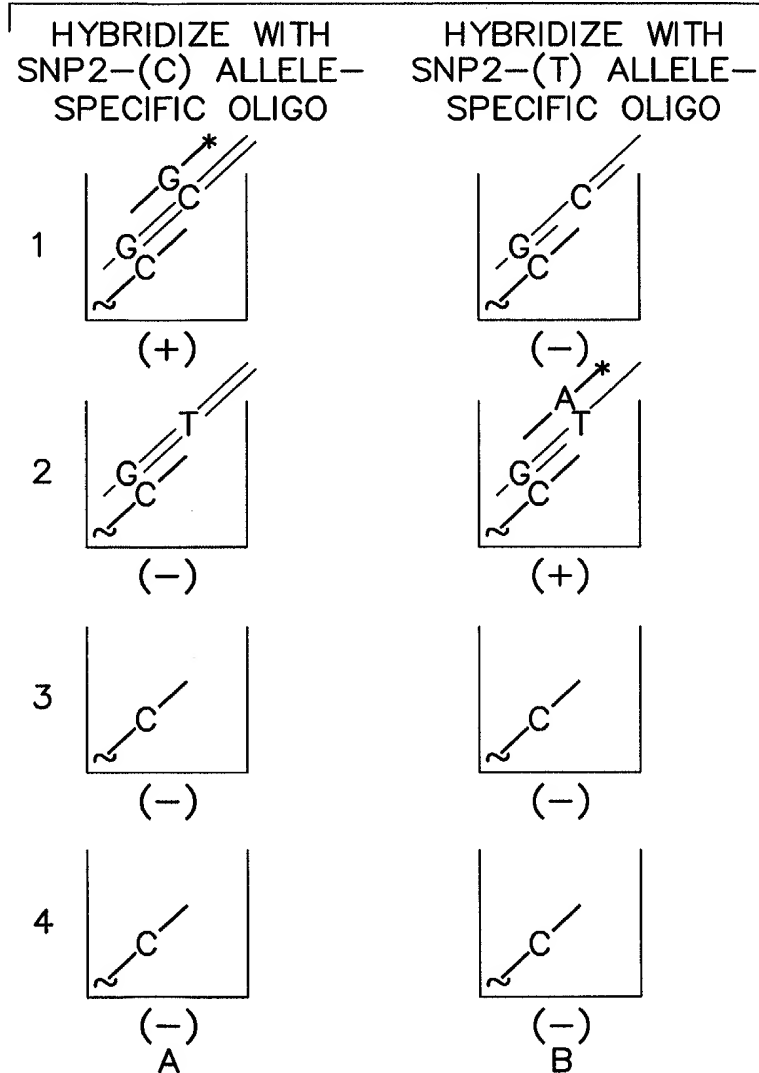


FIG. 1



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IMMOBILIZED WITH
 SNP1-(G)



= PCR AMPLIFIED, Cy3-
 LABELED SNP1/SNP2
 SENSE LOCUS

= HYBRIDIZED Cy5-
 LABELED SNP2 ANTI-
 SENSE OLIGO

= IMMOBILIZED ANTI-
 SENSE SNP1 OLIGO

FIG. 3A

FIG. 3B

FIG. 3A

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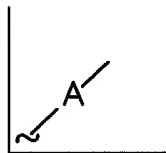
A

IMMOBILIZED WITH
SNP1-(T)

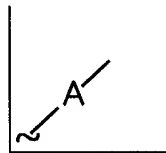
HYBRIDIZE WITH
SNP2-(C) ALLELE-
SPECIFIC OLIGO

HYBRIDIZE WITH
SNP2-(T) ALLELE-
SPECIFIC OLIGO

HAPLOTYPE

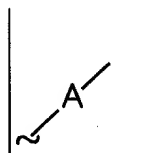


(-)

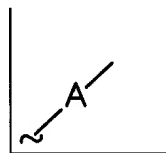


(-)

G C

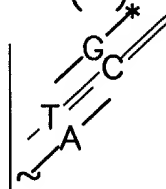


(-)

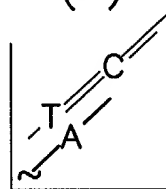


(-)

G T

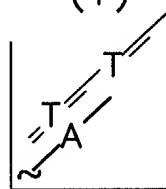


(+)



(-)

T C



(-)



(+)

T T

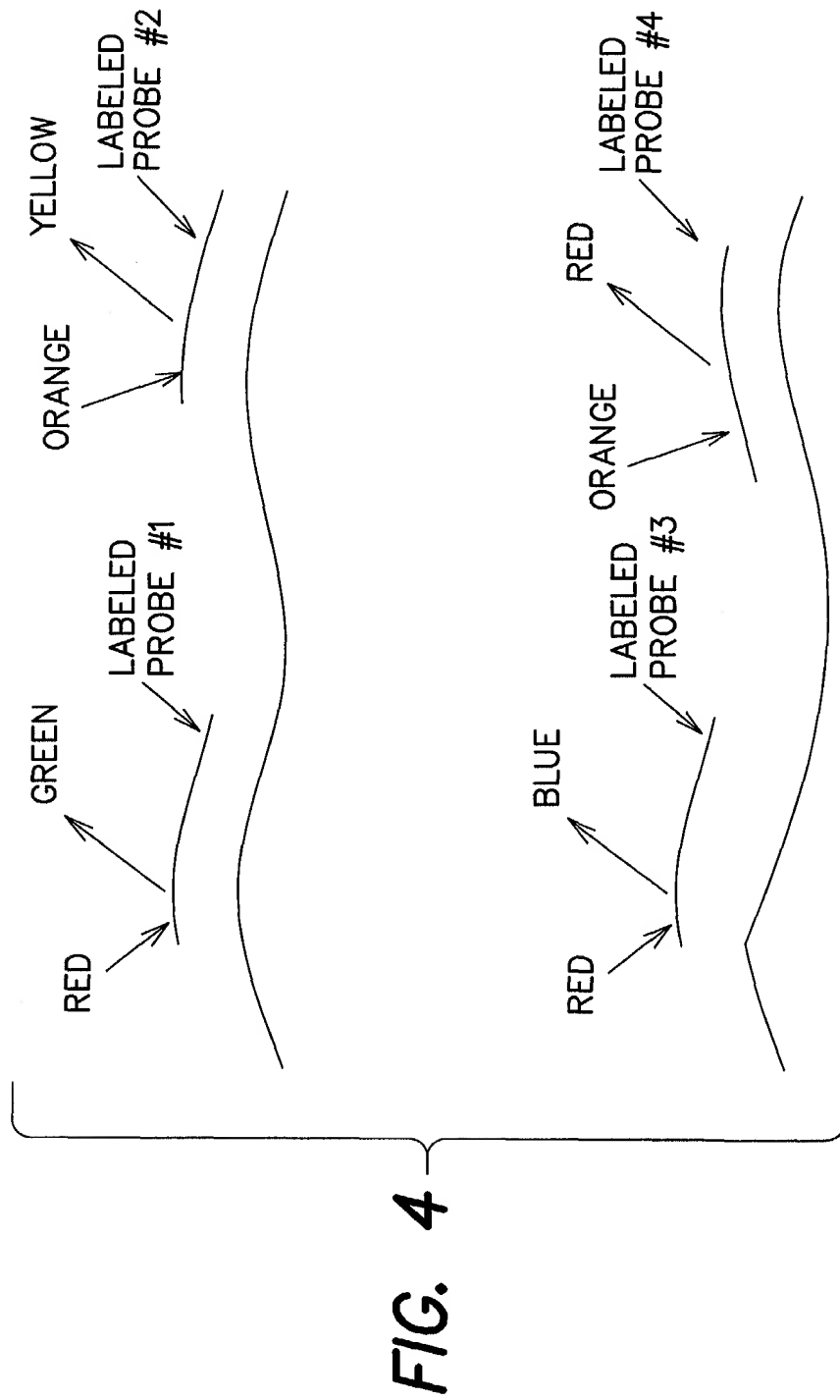
C

D

A

FIG. 3B

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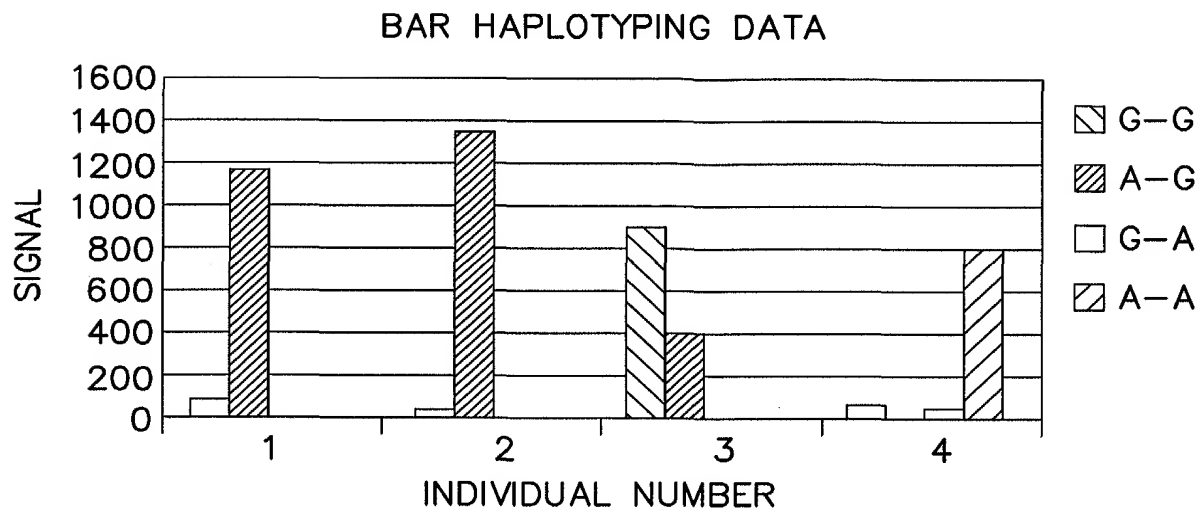


FIG. 5

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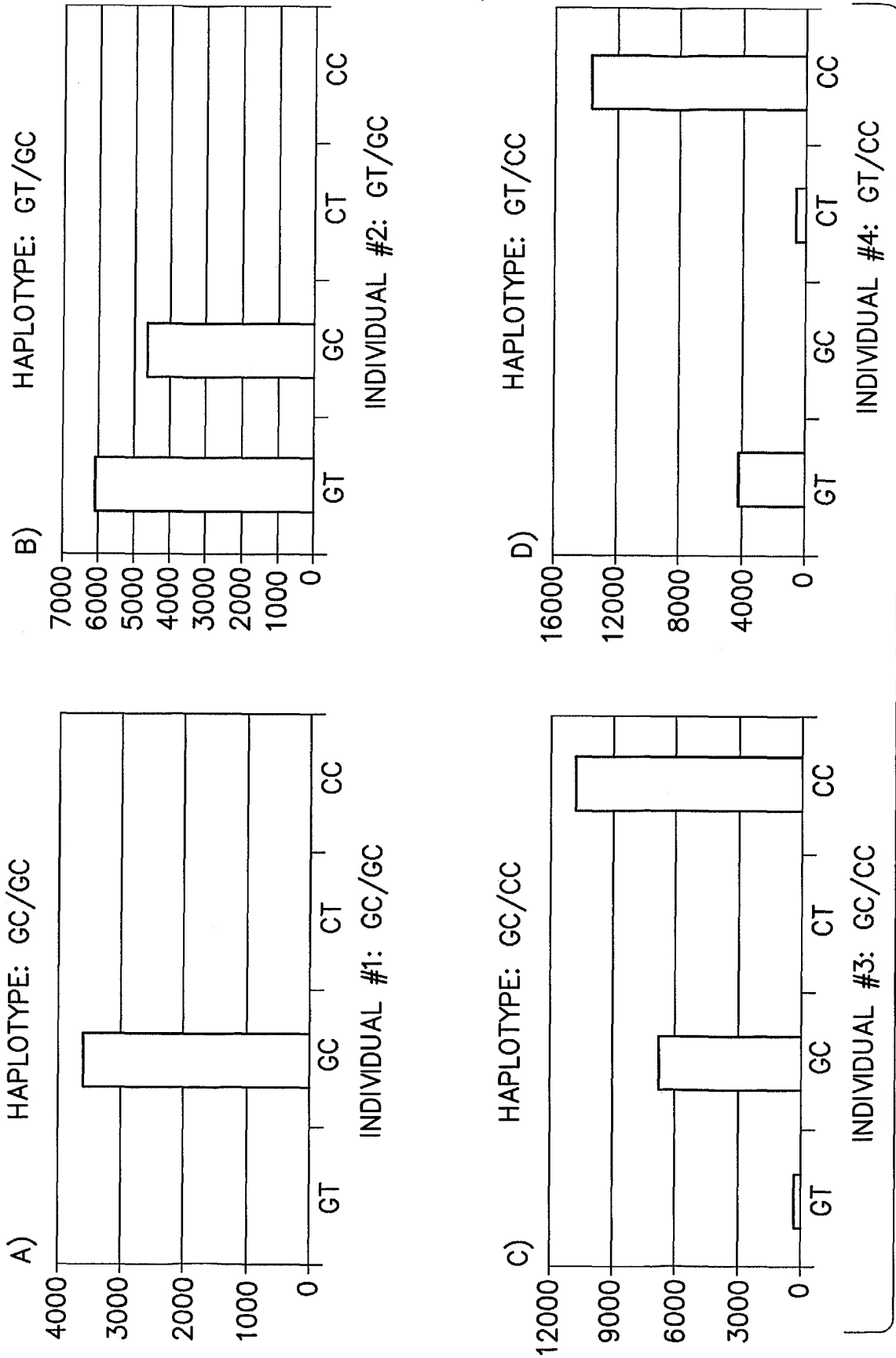


FIG. 6